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 \* ADMITTED IN NEW JERSEY  
 - NOT ADMITTED IN D.C.

Commissioner for Patents  
 Washington, D.C. 20231

Sir:

Submitted herewith is the following ( divisional  continuation  continuation-in-part) patent application of prior application Serial No. 09/789,822 filed in the U.S. Patent & Trademark Office on 22 February 2001.

Inventor: CHANG-HYEON LEE

Title: APPARATUS AND METHOD FOR DETECTING AN ABNORMALITY IN A RECORDED SIGNAL

Please find attached hereto an application for patent which includes: specification and abstract, claims, original declaration and power of attorney, and a certified copy of the foreign priority document identified below:

Verified Showing of Small Entity Status: NO

Drawings: Formal drawings, 10 sheets, Figures 1 through 15

Claim of priority under 35 U.S.C. §119: N/A

FEE (see formula below): CHECK ENCLOSED (#45463)

Basic Fee \$385/770 ..... \$770.00

**Additional Fees:**

Total number of claims in excess of 20:    times \$9/18 . \$0.00

Number of independent claims in excess of 3:    times \$43/86 ..... \$258.00

Multiple Dependent Claims \$145/290 ..... \$0.00

An Assignment is likewise enclosed: Recording Fee \$40 .. \$0.00

Filing Non-English specification ..... \$0.00

**TOTAL FEES FOR THE ABOVE APPLICATION .....** \$1,028.00

## INTELLECTUAL PROPERTY LAW

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 Via International Courier  
 Via Facsimile No. \_\_\_\_\_  
 Via E-Mail Attachment  
 Please Acknowledge Receipt

Attorney Docket: P57062

10/815665 USPTO  
 28858 040204

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13281U.S. PATENT & TRADEMARK OFFICE  
FEE TRANSMITTAL

Patent fees are subject to annual revision.

## TOTAL AMOUNT OF PAYMENT

(\$ 1,028.00)

Complete If Known	
Application Number	to be assigned
Filing Date	2 April 2004
First Named Inventor	Chang-Hyeong LEE
Examiner Name	to be assigned
Group/Art Unit	to be assigned

TOTAL AMOUNT OF PAYMENT	(\$ 1,028.00)	Attorney Docket No.	P57062
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## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:Deposit Account Number: 02-4943  
Deposit Account Number: \_\_\_\_\_ Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17. Applicant claims small entity status. See 37 CFR 1.272.  Payment Enclosed:

(CHECK #45463)

 Check  Credit Card  Money Order  Other

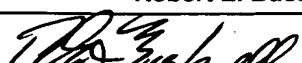
## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge-late filing fee or oath	\$
1052 50	2052 25	Surcharge-late provisional filing fee or cover sheet	\$
1053 130	1053 130	Non-English specification	\$
1812 2,520	1812 2,520	For filing a request for reexamination	\$
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	\$
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	\$
1251 110	2251 55	Extension for reply within first month	\$
1252 420	2252 210	Extension for reply within second month	\$
1253 950	2253 475	Extension for reply within third month	\$
1254 1,480	2254 740	Extension for reply within fourth month	\$
1255 2,010	2255 1,005	Extension for reply within fifth month	\$
1401 330	2401 165	Notice of Appeal	\$
1402 330	2402 165	Filing a brief in support of an appeal	\$
1403 290	2403 145	Request for oral hearing	\$
1451 1,510	1451 1,510	Petition to institute a public use proceeding	\$
1452 110	2452 55	Petition to revive - unavoidable	\$
1453 1,330	2453 665	Petition to revive - unintentional	\$
1501 1,330	2501 665	Utility issue fee (or reissue)	\$
1502 480	2502 240	Design issue fee	\$
1503 640	2503 320	Plant issue fee	\$
1460 130	1460 130	Petitions to the Commissioner	\$
1807 50	1807 50	Processing fee for provisional applications	\$
1806 180	1806 180	Submission of Information Disclosure Statement	\$
8021 40	8021 40	Recording each patent assignment per property (Times number of properties)	\$
1809 770	2809 385	Filing a submission after final rejection (37 C.F.R. §1.129(a))	\$
1810 770	2810 385	For each additional invention to be examined (37 C.F.R. §1.129(b))	\$
1801 770	2801 385	Request for Continued Examination (RCE)	\$
Other Fee (specify) _____			
Other Fee (specify) _____			
** Reduced by Basic Filing Fee Paid			SUBTOTAL (3) \$ 00

## SUBMITTED BY

## Complete (if applicable)

Typed or Printed Name	Robert E. Bushnell, Esq.		Reg. Number	27,774
Signature		Date	2 April 2004	Deposit Account User ID

REB/kf

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Commissioner for Patents  
2 April 2004  
Page Two

Docket No.: P57062

Inventor: **CHANG-HYEON LEE**

Title: **APPARATUS AND METHOD FOR DETECTING AN ABNORMALITY IN A RECORDED SIGNAL**

The Commissioner is authorized to charge our Deposit Account No. 02-4943 for any additional charges necessary towards payment of the issue fee for the above-referenced application. Please notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all correspondence to:

Robert E. Bushnell  
1522 K Street, N.W.  
Suite 300  
Washington, D.C. 20005

Respectfully submitted,

  
\_\_\_\_\_  
Robert E. Bushnell  
(Registration No. 27,774)  
Payor No.: 008-439  
Attorney for the Applicant  
1522 K Street, N.W.  
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REB/kf

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

CHANG-HYEON LEE

Serial No.: *to be assigned*

Examiner: *to be assigned*

Filed: 2 April 2004

Art Unit: *to be assigned*

For: APPARATUS AND METHOD FOR DETECTING AN ABNORMALITY IN A  
RECORDED SIGNAL

**TRANSMITTAL OF DECLARATION**

Commissioner for Patents

Washington, D.C. 20231

**BOX: PATENT APPLICATION**

Sir:

This transmittal accompanies a copy of the original Declaration filed in the parent application of the above-captioned **continuation** application, Serial No. 09/789822 filed in the U.S. Patent & Trademark Office on the 22 February 2001.

Respectfully submitted,

  
\_\_\_\_\_  
Robert E. Bushnell,  
Attorney for the Applicant  
Registration No.: 27,774

Suite 300, 1522 "K" Street, N.W.  
Washington, D.C. 20005  
(202) 408-9040

Folio: P57062  
Date: 04/02/4  
I.D.: REB/kf

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

CHANG-HYEON LEE

Serial No.: *to be assigned*

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RECORDED SIGNAL

**TRANSMITTAL OF SUBSTITUTE FORMAL FIGURE(S)**

**Mail Stop Issue Fee**

Commissioner for Patents

P.O.Box 1450

Alexandria, VA 22313-1450

Sir:

This transmittal accompanies Substitute Formal Figures 1 through 15 (10 replacement sheets) for the above-captioned continuation application, which are in compliance with 37 C.F.R. §1.84.

Respectfully submitted,

  
\_\_\_\_\_  
Robert E. Bushnell,  
Attorney for the Applicant  
Registration No.: 27,774

1522 "K" Street, N.W., Suite 300  
Washington, D.C. 20005  
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Folio: P57062  
Date: 4/2/04  
I.D.: REB/kf